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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/880,047	06/14/2001	Jun Kametani	Q64973	5937

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EXAMINER

LEE, CHI HO A

ART UNIT PAPER NUMBER

2663

DATE MAILED: 02/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/880,047

Applicant(s)

KAMETANI, JUN

Examiner

Andrew Lee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-5, 7-13-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Sakamoto et al U.S. Patent Number 6,633,571.

Re Claim 1, '571 patent teaches fig. 1, a terminal within a LAN 1 that is provided with IP packet service request by ISP 1 and ISP 2 (a plurality of service providers) through different layer protocol networks 2-1 and 2-2; the network system of fig. 1 further includes a Interwork Router (a packet exchange) between 2-1 and 2-2, wherein the Translator converts (to match format of an IP network) a format of an IP packet to network protocol (a first network layer protocol) of 2-1 to the network protocol (a second network layer protocol) of 2-2 to unify the connection to the destination terminal within LAN (See col. 5, lines 40 +).

Re Claim 2, refer to Claim 1, wherein fig. 1 teaches a 2-1 (a first IP network) which the terminal accesses and 2-2 (a second IP network) the ISP accesses.

Re Claims 3, 4, refer to Claim 1, wherein the ISP 1 inherently includes servers (a first/second servers) that stores service information and account information.

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Re Claim 5, refer to Claim 1, See fig. 15 the table.

Re Claim 7, see fig. 1, wherein the terminal in LAN 3 is connected to the 2-1 (a first IP network) via Interwork Router (a gateway) that supports VPN authentication.

Re Claims 8, 12, 19, refer Claim 1, wherein ISP 1 include a server, wherein the ISP inherently includes account billing for users; furthermore record information about service is nominal limitation.

Re Claim 9, refer to Claim 1.

Re Claims 10, 17, 20, 21, refer to Claim 1, wherein 2-2 supports MPLS.

Re Claims 11, 13, refer to Claim 1, wherein the LAN terminal is a PC.

Re Claims 15, 16, see fig.1.

Re Claim 18, See fig. 1, wherein the translator performs encapsulation function of the IP packet into MPLS format.

Re Claim 19, See fig. 17, the VPN table.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 6, 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sakamoto et al U.S. Patent Number 6,633,571 in view of Bonaventure U.S. Patent Number 6,680,907.

Re Claim 6, Sakamoto fails to explicitly teach 'measures the amount of data of the IP packet for which...has been converted.'. However, Bonaventure teaches a shaping method whereby the occupancy of the Buffer is measured to maintain QoS (See abstract). This monitoring of the occupancy level is analogous to measuring the amount of data of IP packet has been converted. One skilled in the art would have been motivated to monitor the amount of converted IP packets in Sakamoto to maintain QoS shaping as taught in Bonaventure. Therefore, it would have been obvious to one ordinary skilled to combine the teaching of Bonaventure into the teaching of Sakamoto.

Re Claim 14, one skilled in the art would have been motivated to include VOIP application into the system of Fig. 1. In so doing, a portable telephone is an obvious expedient.

Response to Arguments

5. Applicant's arguments with respect to claims 1-21 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not

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mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Lee whose telephone number is 571-272-3130. The examiner can normally be reached on Monday to Friday from 8:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on 571-272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AI

ANDREW G. LEE
PRIMARY PATENT EXAMINER

